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HUMAN

RAT ALA-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ASN-SER-MET-GLU-TRP-LEU-ARG-VAL-GLU-GLN-ASP-VAL-HIS-ASN-PHE
MOUSE ALA-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-VAL-GLU-ARG-MET-GLN-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE
BOVINE ALA-VAL-SER-GLU-ILE-GLN-PHE-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-ARG-MET-GLN-TRP-LEU-ARG-ARG-LYS-LEU-GLN-ASP-MET-HIS-ASN-PHE
CANINE SER-VAL-SER-GLU-ILE-GLN-PHE-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-SER-SER-MET-GLU-ARG-VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE
PORCINE SER-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-SER-SER-MET-GLU-ARG-VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE

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VAL-ALA-LEU-GLY-ALA-PRO-LEU-ALA-PRO-ARG-ASP-ALA-GLY-SER-GLN-ARG-PRO-ARG-LYS-GLU-ASP-ASN-VAL-GLU-SER-HIS-GLU-LYS-SER-LEU-GLY
RAT VAL-SER-LEU-GLY-VAL-GLN-MET-ALA-AlA-ARG-GLU-GLY-SER-TYR-GLN-ARG-PRO-TIR-Lys-lys-GLU-ASP-ASN-VAL-LEU-VAL-ASP-GLY-ASN-SER-Lys-SER-LEU-GLY
MOUSE VAL-SER-LEU-GLY-VAL-GLN-MET-ALA-AlA-ARG-GLU-GLY-SER-HIS-GLN-Lys-PRO-TIR-Lys-lys-GLU-VAL-ASP-GLY-ASN-PRO-Lys-SER-LEU-GLY
BOVINE VAL-ALA-LEU-GLY-ALA-SER-ILE-ALA-TYR-ARG-ASP-GLY-SER-SER-GLN-ARG-PRO-ARG-Lys-lys-GLU-VAL-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLN-Lys-SER-LEU-GLY
CANINE VAL-ALA-LEU-GLY-ALA-PRO-ILE-ALA-HIS-ARG-ASP-GLY-SER-SER-GLN-ARG-PRO-LEU-Lys-lys-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-TYR-GLN-Lys-SER-LEU-GLY
PORCINE VAL-ALA-LEU-GLY-ALA-SER-ILE-VAL-HIS-ARG-ASP-GLY-SER-GLN-ARG-PRO-ARG-Lys-lys-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLN-Lys-SER-LEU-GLY

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FIGURE 1

HUMAN

RAT GLU-GLY-ASP-LYS-ALA-ASP-VAL-ASN-VAL-LEU-THR-Lys-ALA-Lys-Ser-GLN-OH
MOUSE GLU-GLY-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-VAL-Lys-ALA-Lys-Ser-GLN-OH
BOVINE GLU-ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-ILE-Lys-SER-Lys-Ser-GLN-OH
CANINE GLU-ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-THR-Lys-ALA-Lys-Ser-GLN-OH
PORCINE GLU-ALA-ASP-LYS-ALA-ALA-VAL-ASP-VAL-LEU-ILE-Lys-ALA-Lys-PRO-GLN-OH

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FIGURE 2

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RAT	ALA-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-VAL-GLU-ARG-MET-GLN-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE	30
HOUSE	ALA-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-ARG-MET-GLN-TRP-LEU-ARG- <u>ARG-LYS-LEU-GLN-ASP-MET-HIS-ASN-PHE</u>	
BOVINE	ALA-VAL-SER-GLU-ILE-GLN-PHE-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU- <u>SER-SER-MET-GLU-ARG VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE</u>	
HUMAN	<u>SER-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ASN-SER-MET-GLU-ARG VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE</u>	
CANINE	SER-VAL-SER-GLU-ILE-GLN-PHE-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU- <u>SER-SER-MET-GLU-ARG VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE</u>	
PORCINE	SER-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU- <u>SER-SER-MET-GLU-ARG VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE</u>	
	50	
RAT	VAL-SER-LEU-GLY-VAL-GLN-MET-ALA-ALA-ARG-GLU-GLY-SER-TYR-GLN-ARG-PRO-THR-LYS-GLU-ASP-ASN-VAL-LEU-VAL-ASP-GLY-ASN-SER-LYS-SER-LEU-GLY	20
HOUSE	VAL-SER-LEU-GLY-VAL-GLN-MET-ALA-ALA-ARG- <u>ASP-GLY-SER-HIS-GLN-LYS-PRO-THR-LYS-GLU-ASN-VAL-LEU-VAL-GLU-ASP-ASN-VAL-LEU-GLY</u>	
BOVINE	VAL-ALA-LEU-GLY-ALA-SER- <u>ILE-ALA-TYR-ARG-ASP-GLY-SER-SER-GLN-ARG-PRO-ARG-LYS-GLU-SER-HIS-GLN-LYS-SER-LEU-GLY</u>	
HUMAN	VAL-ALA-LEU-GLY- <u>ALA-PRO-LEU-ALA-PRO-ARG-ASP-ALA-GLY-SER-GLN-ARG-PRO-ARG-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLU-LYS-SER-LEU-GLY</u>	
CANINE	VAL-ALA-LEU-GLY-ALA-PRO- <u>ILE-ALA-HIS-ARG-ASP-GLY-SER-SER-GLN-ARG-PRO-LEU-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-TYR-GLN-LYS-SER-LEU-GLY</u>	
PORCINE	VAL-ALA-LEU-GLY- <u>ALA-SER-ILE-VAL-HIS-ARG-ASP-GLY-SER-GLN-ARG-PRO-ARG-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLN-LYS-SER-LEU-GLY</u>	
	40	
RAT	VAL-SER-LEU-GLY-VAL-GLN-ASP-ALA-ASP-VAL-LEU-VAL-ASP-VAL-GLU-ASP-ASN-VAL-LEU-VAL-ASP-GLY-ASN-SER-LYS-SER-LEU-GLY	60
HOUSE	VAL-SER-LEU-GLY-VAL-GLN-ASP-ALA-ASP-VAL-LEU-VAL-ASP-GLY-ASN- <u>PRO-GLY-ASN-PRO-GLY-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLN-LYS-SER-LEU-GLY</u>	
BOVINE	VAL-ALA-LEU-GLY- <u>ALA-SER-ILE-ALA-TYR-ARG-ASP-GLY-SER-SER-GLN-ARG-PRO-ARG-LYS-GLU-SER-HIS-GLN-LYS-SER-LEU-GLY</u>	
HUMAN	VAL-ALA-LEU-GLY- <u>ALA-PRO-LEU-ALA-PRO-ARG-ASP-ALA-GLY-SER-GLN-ARG-PRO-ARG-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLU-LYS-SER-LEU-GLY</u>	
CANINE	VAL-ALA-LEU-GLY- <u>ALA-PRO-ILE-ALA-HIS-ARG-ASP-GLY-SER-SER-GLN-ARG-PRO-LEU-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-TYR-GLN-LYS-SER-LEU-GLY</u>	
PORCINE	VAL-ALA-LEU-GLY- <u>ALA-SER-ILE-VAL-HIS-ARG-ASP-GLY-SER-GLN-ARG-PRO-ARG-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLN-LYS-SER-LEU-GLY</u>	
	50	
RAT	GLU-GLY-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-VAL-LYS-ALA-LYS-SER-GLN-OH	70
HOUSE	GLU-GLY-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-VAL-LYS-SER-LYS-SER-GLN-OH	
BOVINE	GLU- <u>ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-ILE-LYS-ALA-LYS-PRO-GLN-OH</u>	
HUMAN	GLU- <u>ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-THR-LYS-ALA-LYS-SER-GLN-OH</u>	
CANINE	GLU- <u>ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-THR-LYS-ALA-LYS-SER-GLN-OH</u>	
PORCINE	GLU- <u>ALA-ASP-LYS-ALA-VAL-ASP-VAL-LEU-ILE-LYS-ALA-LYS-PRO-GLN-OH</u>	

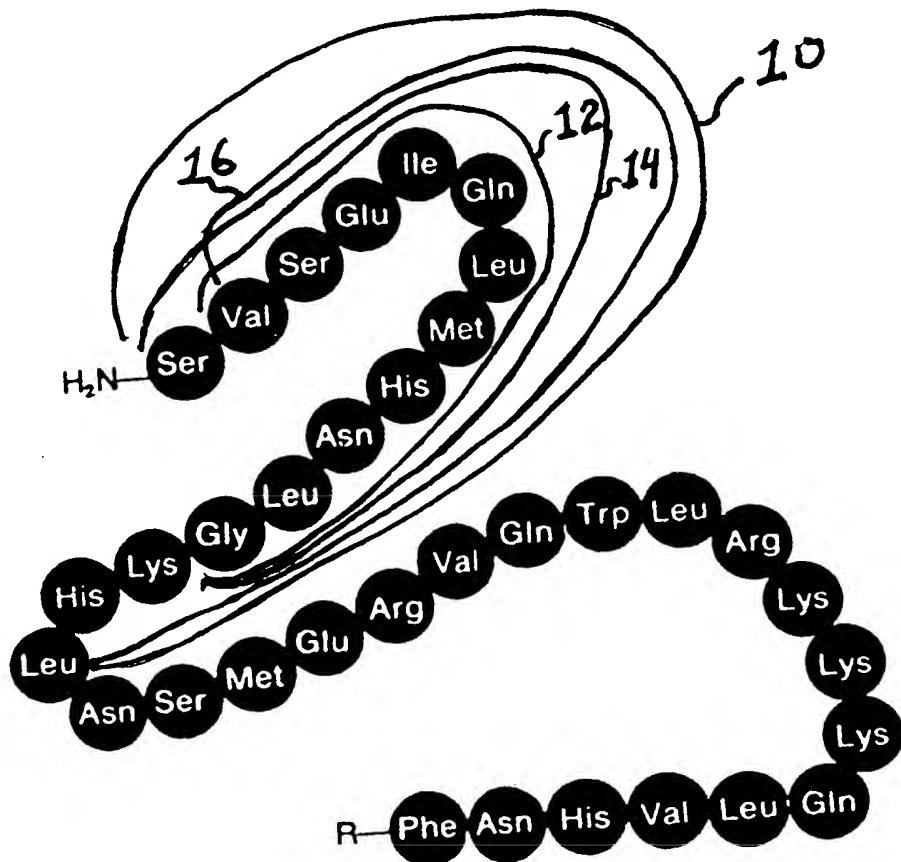


FIGURE 3

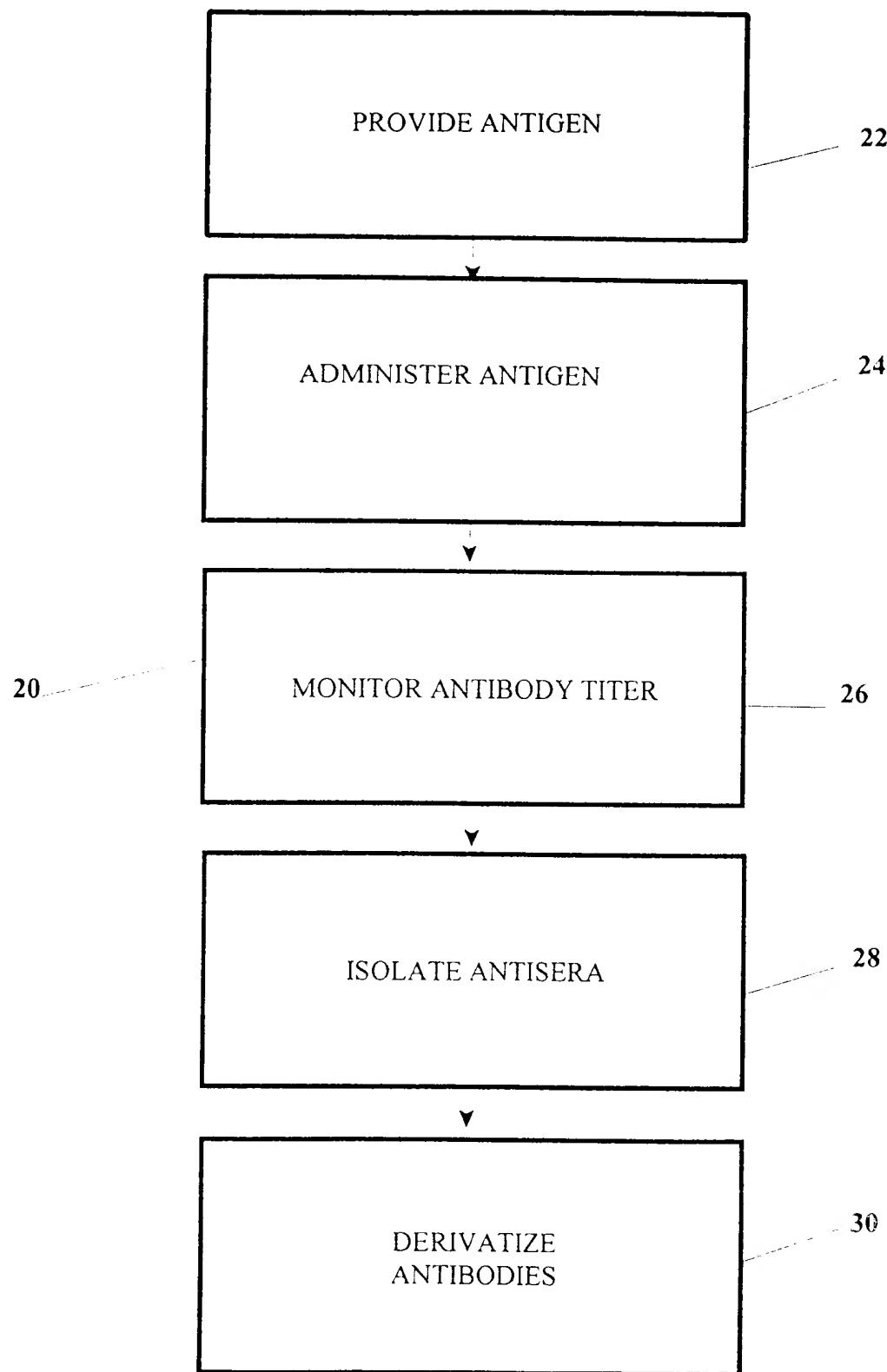


FIGURE 4